

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1 - 58 (Cancelled)

59. (Currently Amended) A method for cooling a cordless power tool including a battery pack while in use:

enabling a fluid to enter through an inlet in said battery pack during use of the cordless power tool;

passing the fluid around one or more cells in said battery pack during use of the cordless power tool;

cooling said one or more cells with the passing fluid during use of the cordless power tool; and

exiting the fluid from inside the battery pack to ambient through an outlet in said battery pack during use of the cordless power tool;

operating said cordless power tool with said battery pack at a desired temperature for optimizing performance.

60. (Previously Presented) The method according to Claim 59 further comprising channeling the fluid to the one or more cells in said battery pack.

61. (Previously Presented) The method according to Claim 59 further comprising directing the fluid to the one or more cells in said battery pack.

62. (Previously Presented) The method according to Claim 59 further comprising dissipating heat from the one or more cells via a heat sink.

63. (Previously Presented) The method according to Claim 59 further comprising forcing the fluid through said battery pack.

64. (Previously Presented) The method according to Claim 59 further comprising sensing a temperature of the one or more cells.

65. (Previously Presented) The method according to Claim 64 further comprising equalizing the temperature of said one or more cells.

66. (Currently Amended) A method of cooling a removable battery pack for a hand held cordless tool while in use comprising:

providing a hand held cordless tool with a removable battery pack;

enabling a fluid to enter into said removable battery pack while in use;

passing the fluid by one or more cells in the removable battery pack while in use;

cooling said one or more cells in said removable battery pack while in use;

and

enabling the fluid to exit said removable battery pack to ambient while in use; and

operating said cordless power tool with said battery pack at a desired temperature for optimizing performance.

67. (Previously Presented) The method according to Claim 66 further comprising channeling the fluid to the one or more cells in said battery pack.

68. (Previously Presented) The method according to Claim 66 further comprising directing the fluid to the one or more cells in said battery pack.

69. (Previously Presented) The method according to Claim 66 further comprising dissipating heat from the one or more cells via a heat sink.

70. (Previously Presented) The method according to Claim 66 further comprising forcing the fluid through said battery pack.

71. (Previously Presented) The method according to Claim 66 further comprising sensing a temperature of the one or more cells.

72. (Previously Presented) The method according to Claim 71 further comprising equalizing the temperature of said one or more cells.

73. (Currently Amended) A method for cooling a cordless power tool including a battery pack while in use:

positioning a mechanism for sinking heat in association with one or more cells in said battery pack;

dissipating heat from said one or more cells via said mechanism during operation of said cordless power tool; ~~and~~

cooling the battery pack during operation of said cordless power tool; and operating said cordless power tool with said battery pack at a desired temperature for optimizing performance.

74. (Previously Presented) The method according to Claim 73 further comprising dissipating heat from the one or more cells via a heat sink.

75. (Currently Amended) A method of cooling a removable battery pack for a hand held cordless tool while in use comprising:

positioning a mechanism for sinking heat in association with one or more cells in the removable battery pack;

dissipating heat from said one or more cells via said mechanism in said removable battery pack during operation of said cordless tool; ~~and~~

cooling said removable battery pack during operation of said hand held cordless tool; and

operating said cordless power tool with said battery pack at a desired temperature for optimizing performance.

76. (Previously Presented) The method according to Claim 75, further comprising dissipating heat from the one or more cells via a heat sink.